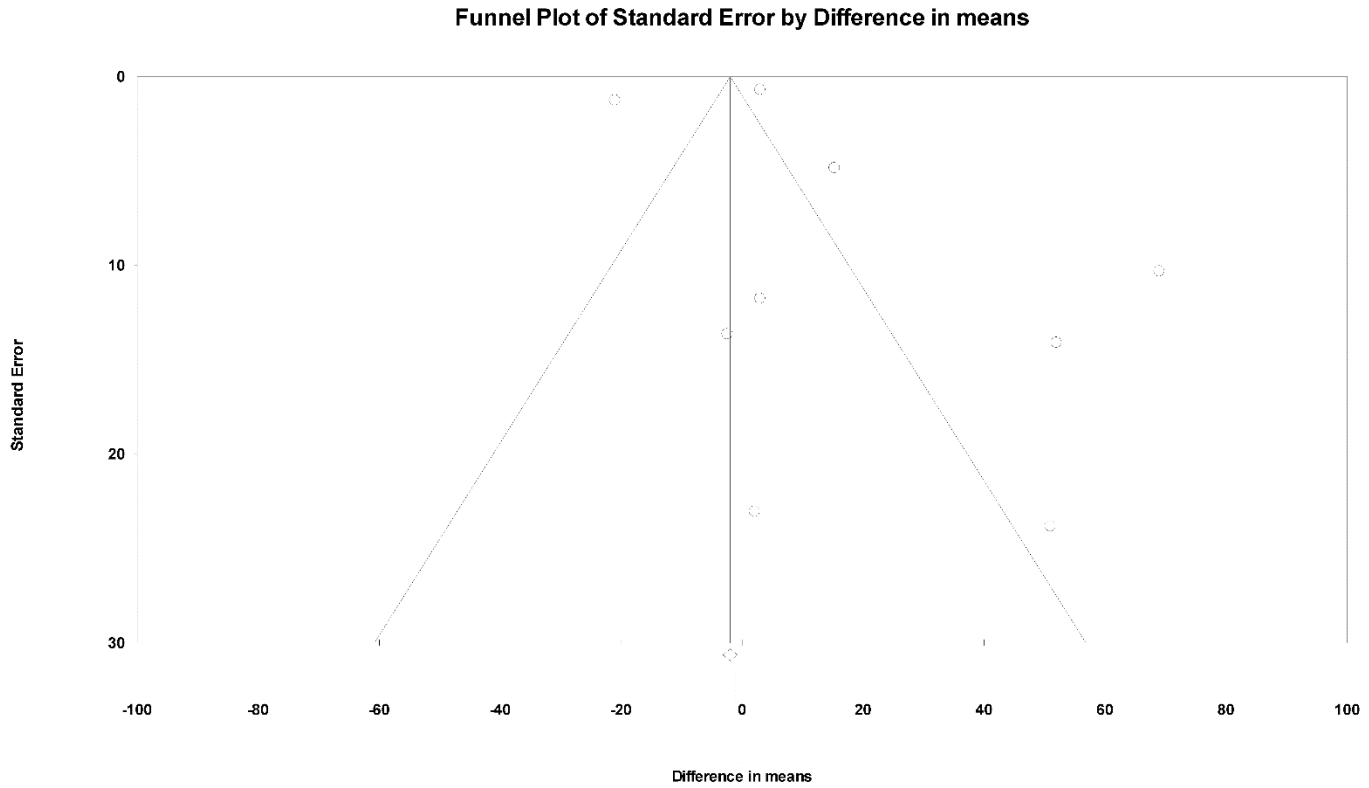
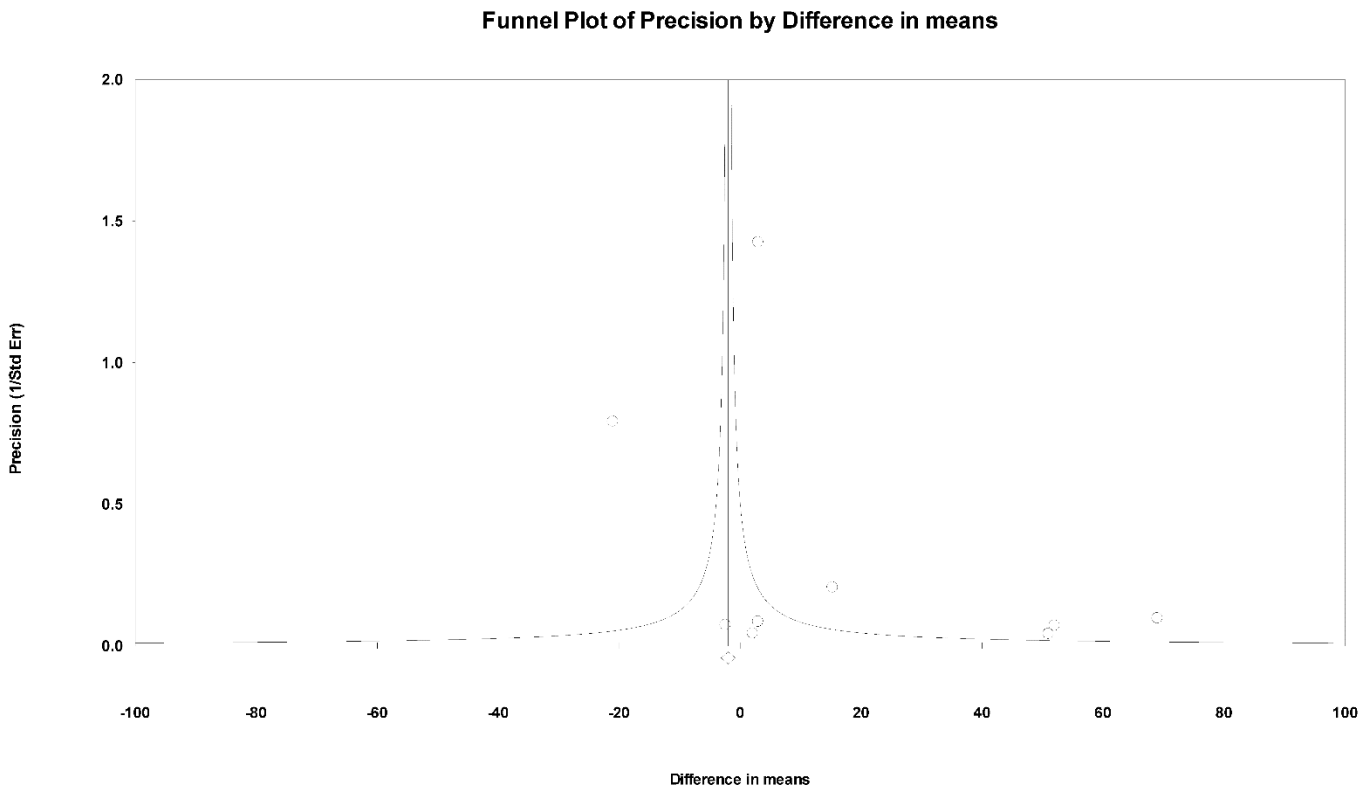
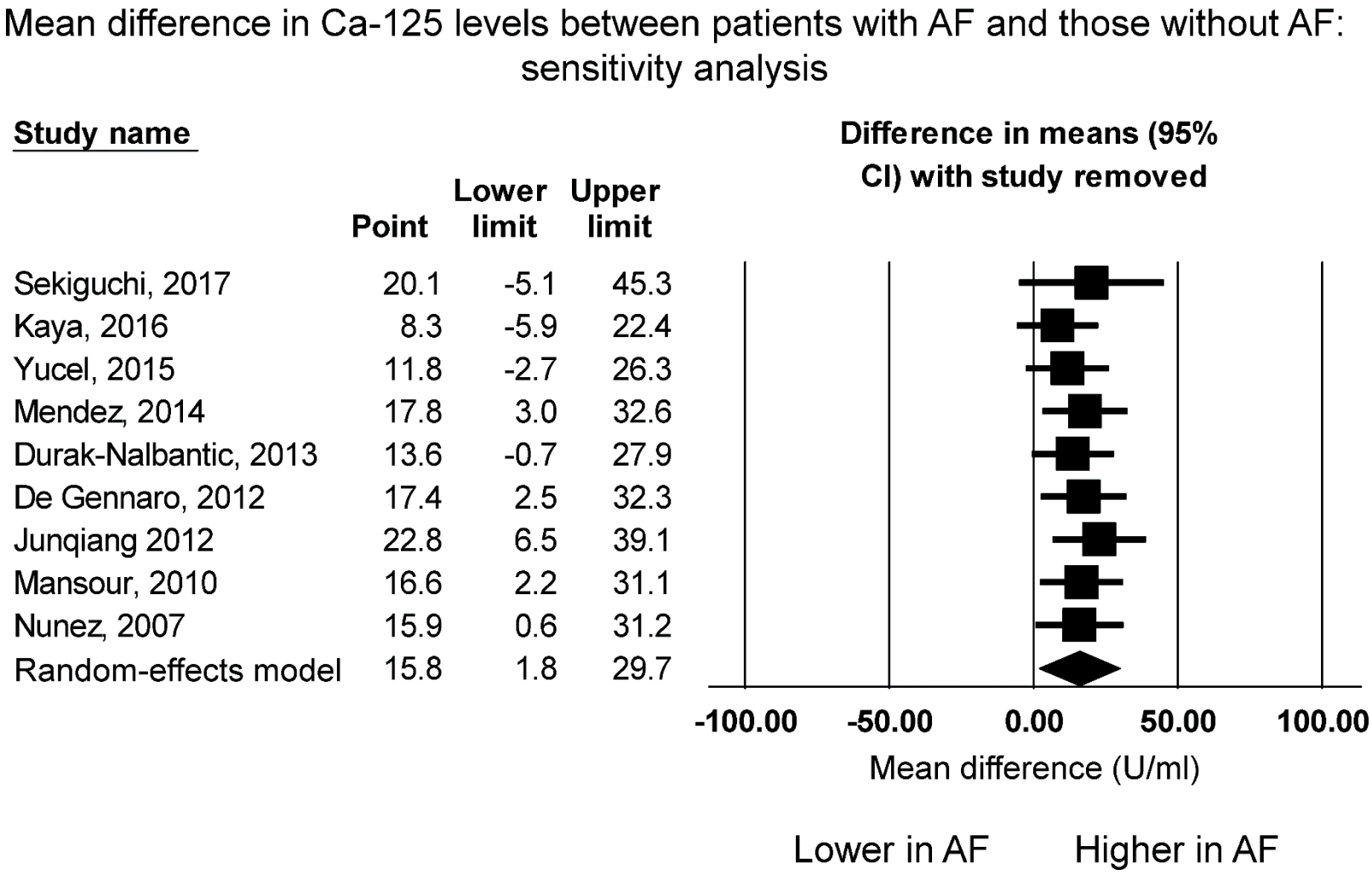
Supplementary Figure 1:



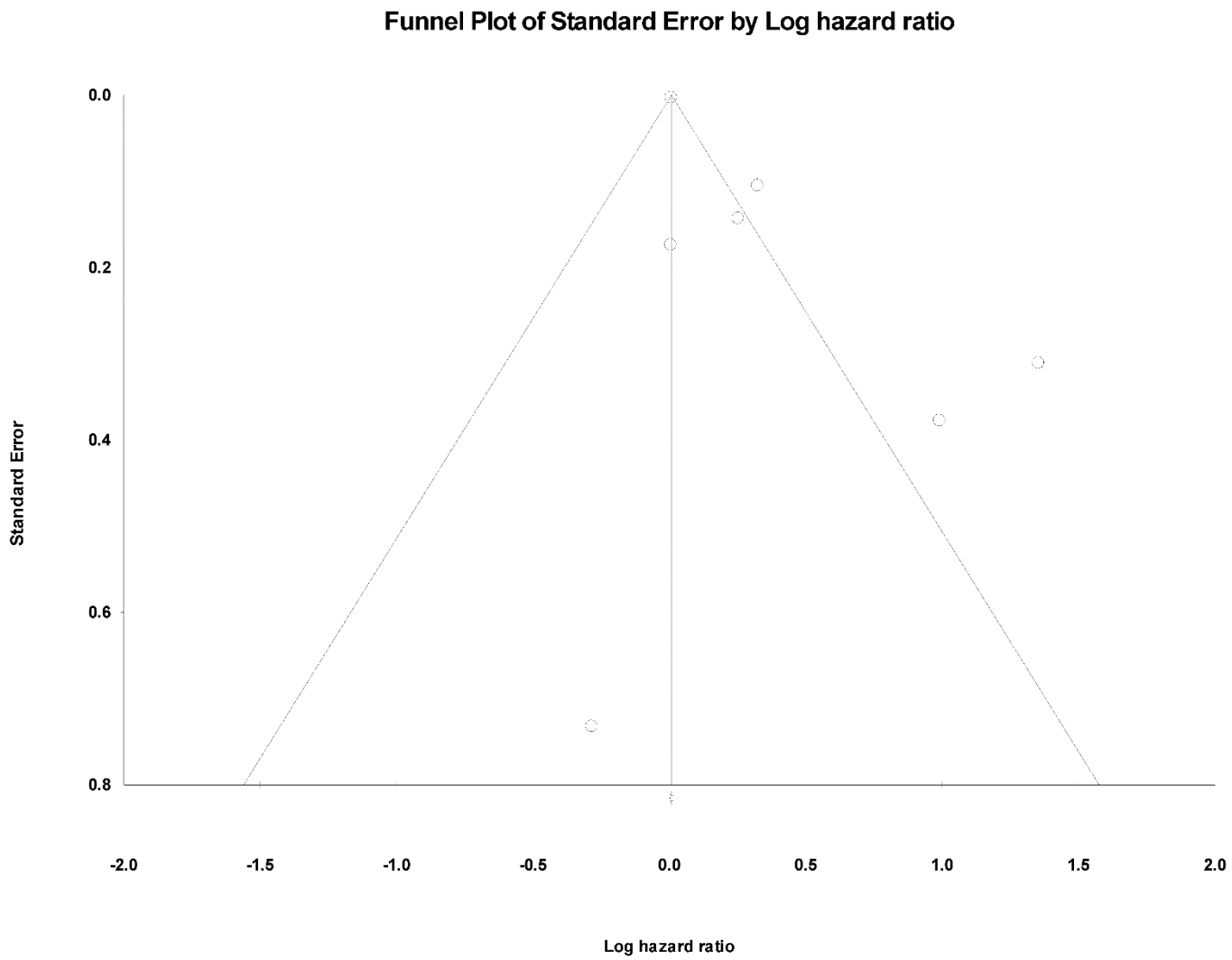
Supplementary Figure 2:



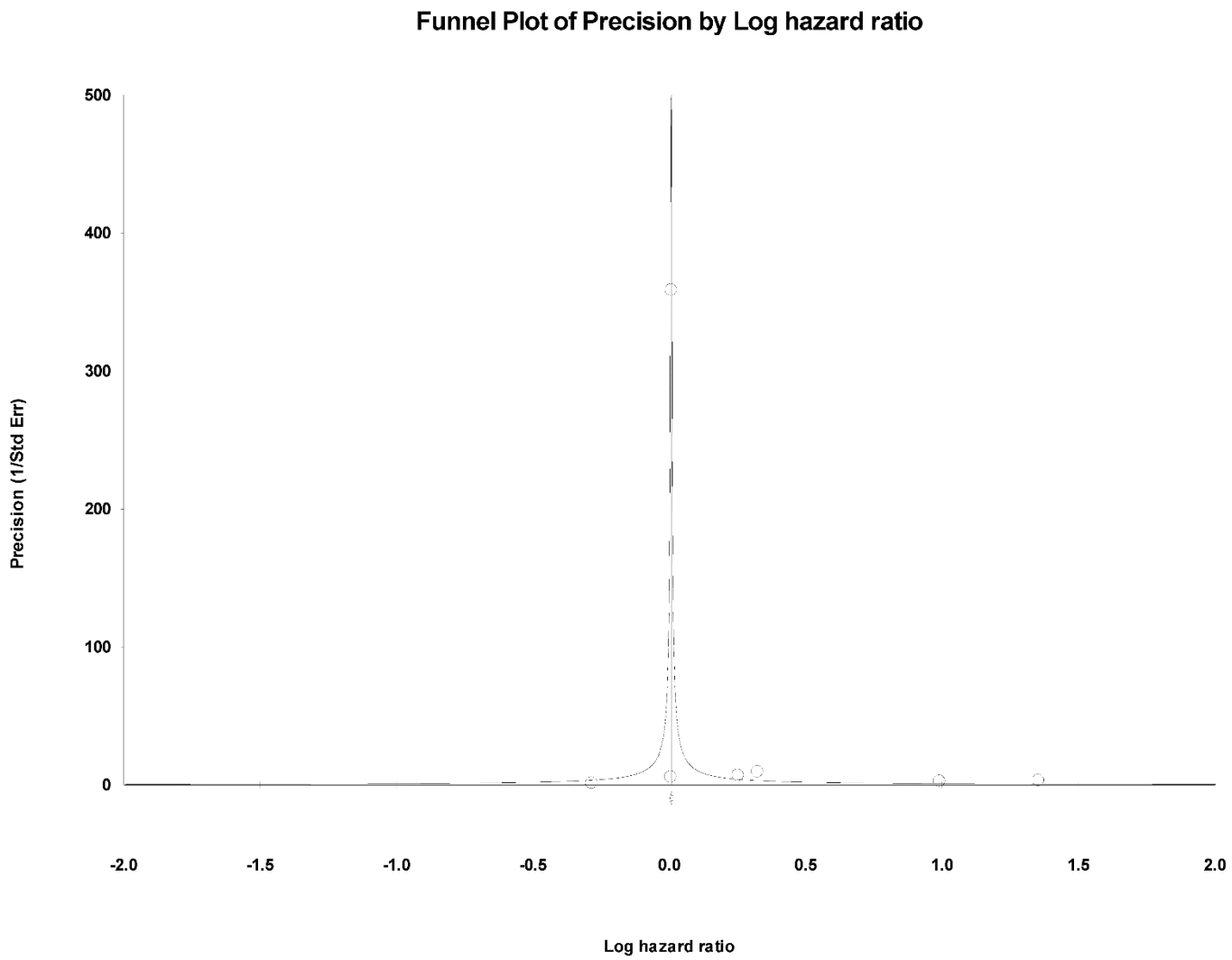
Supplementary Figure 3:



Supplementary Figure 4:



Supplementary Figure 5:



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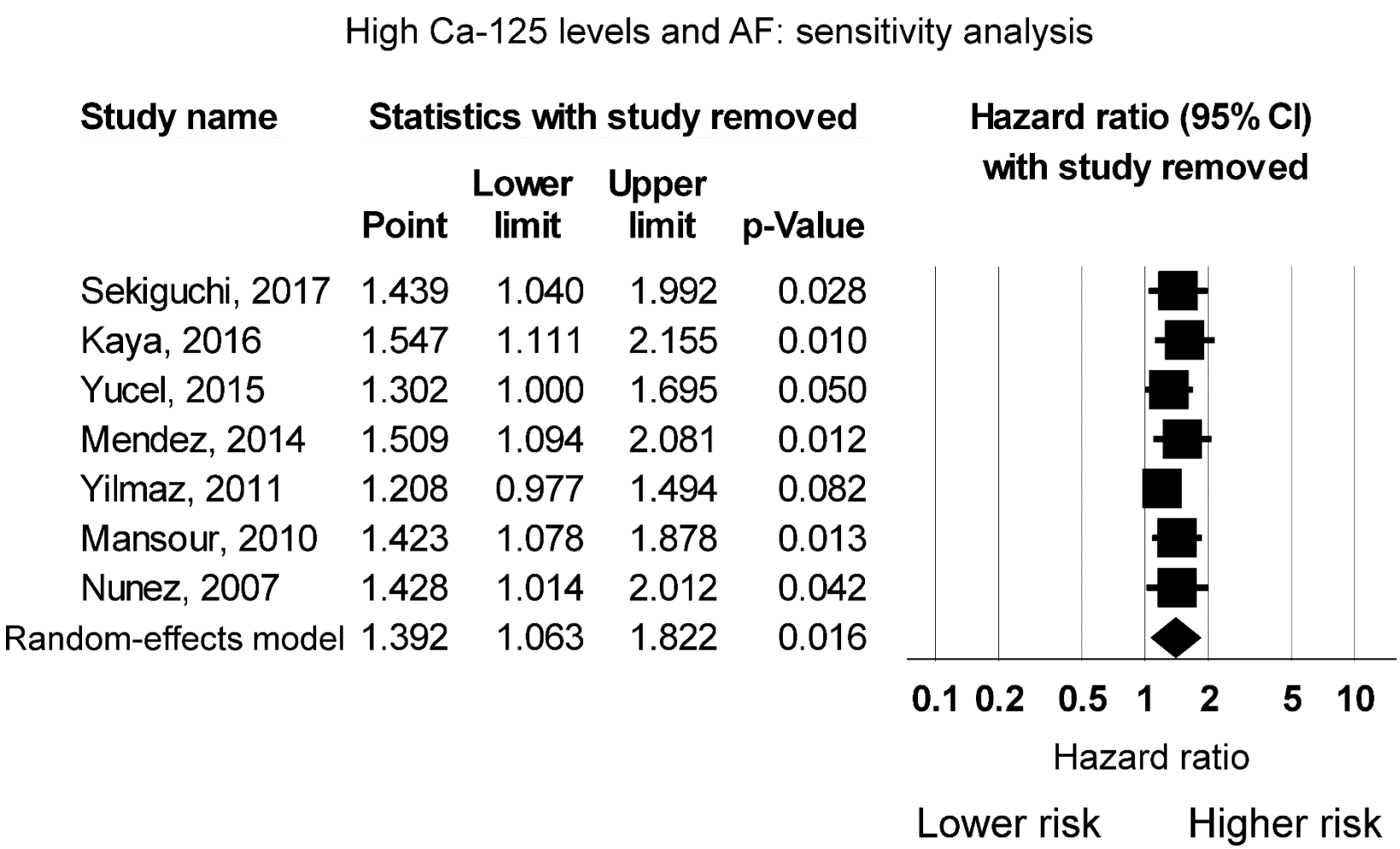
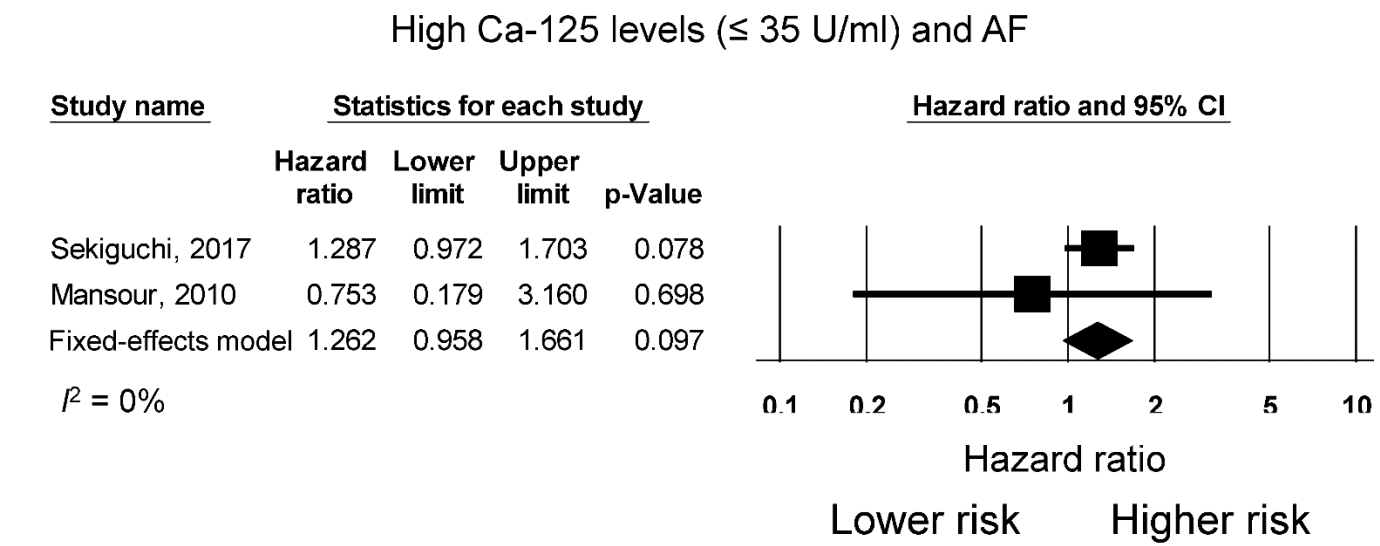
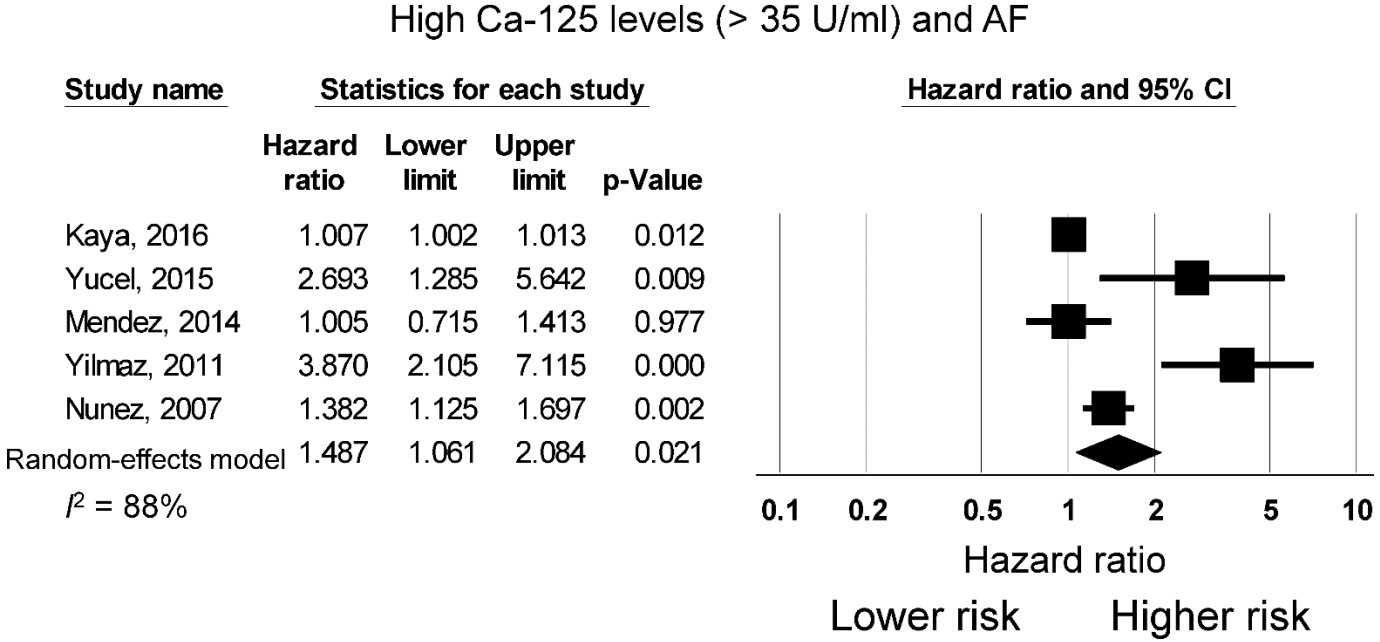


Supplementary Figure 7:



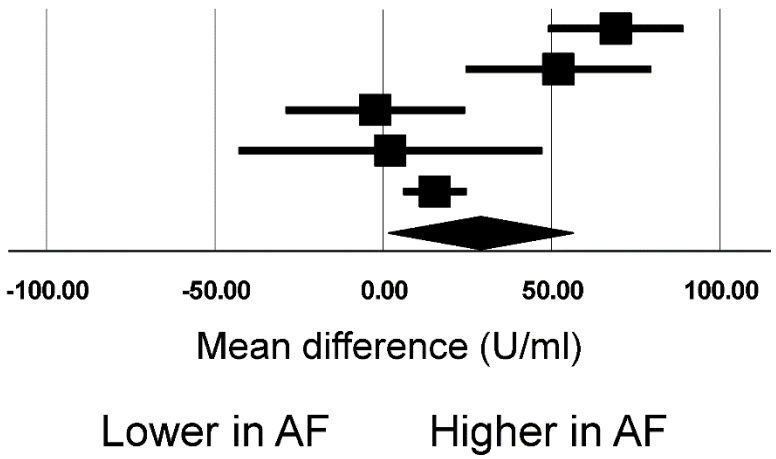


Supplementary Figure 8:

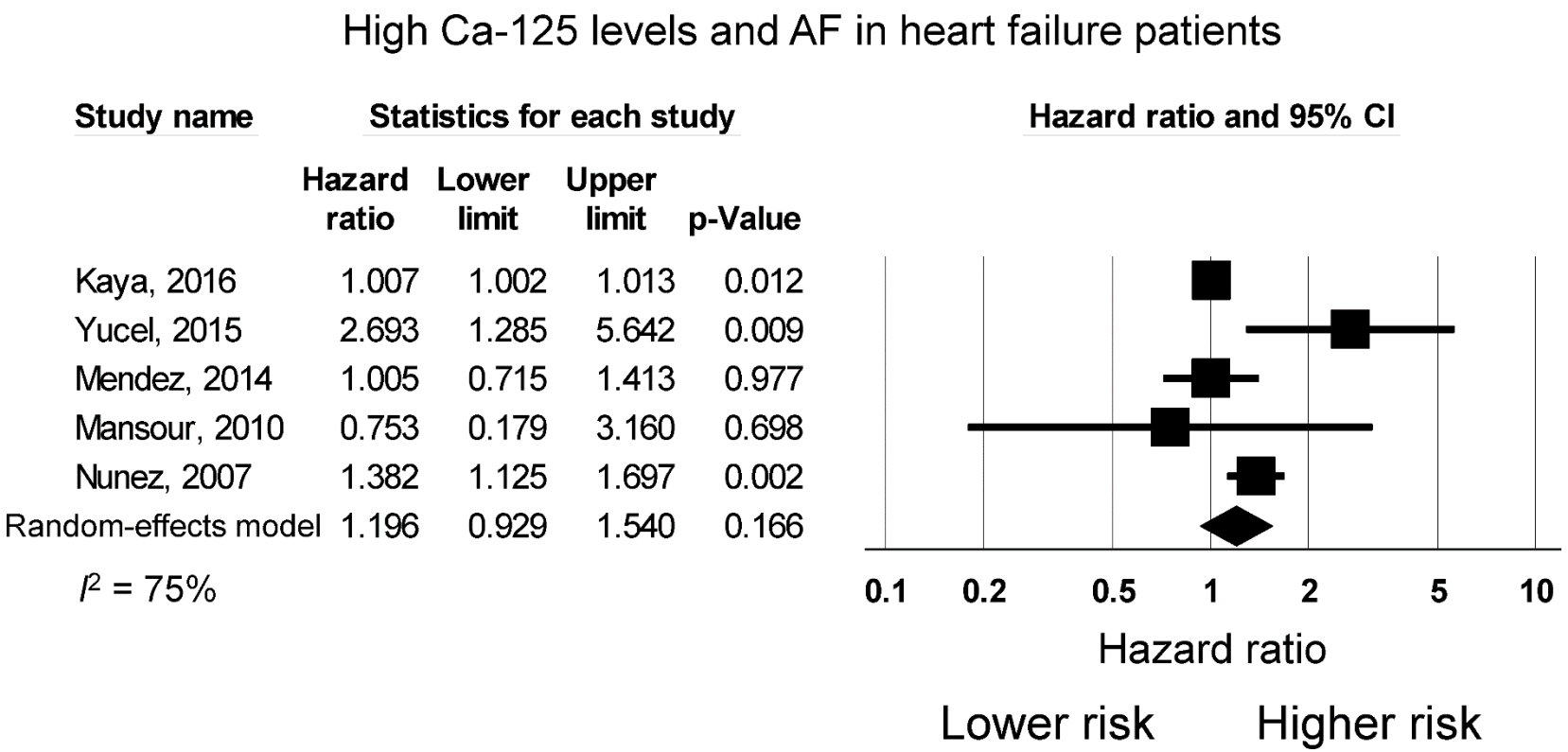
Mean difference in Ca-125 levels between heart failure patients with AF and those without AF

Study name	Difference in means	Lower limit	Upper limit	AF	no AF	Total
Kaya, 2016	69.0	48.8	89.2	67	138	205
Yucel, 2015	52.0	24.3	79.7	36	113	149
Mendez, 2014	-2.4	-29.2	24.4	84	72	156
Mansour, 2010	2.1	-43.1	47.3	15	132	147
Nunez, 2007	15.3	5.8	24.8	1165	1477	2642
Random-effects model	28.7	1.3	56.1	1367	1932	3299

I^2 = 87%



Supplementary Figure 9:



Supplementary Figure 10: